ABSTRACT

In a slide bearing assembly 12 comprising a shaft 22 and a bushing 16 which is made of a porous sintered material having a large number of pores 25, the bushing 16 is impregnated with a lubricant 24 containing 2.0 to 30 wt% of solid lubricating fine particles 26 made of at least one selected from among MoS_2, WS_2, and hexagonal BN, and the shaft 22 and the bushing 16 are used at surface pressure not lower than 6 Kgf/mm^2 and sliding speed in the range of 2 to 5 cm/sec. This realizes prolongation of a period during which sliding operation can be continued in an oilless self-lubricating state even under a situation of sliding at a very low speed or angular motion in a very small stroke.